



Indian Institute of Technology (Indian School of Mines), Dhanbad

**The Office of Dean, Research & Development**

Sanction No and Date: <b>CMPDI/CIL/R&amp;D/01-67-2017/1620 dated 29 August 2017</b>	<b>IIT (ISM) Project No.</b> CIL(9)/2017- 2018/540/ME	Date 31 July 2018
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**JRF/SRF/RA position under Coal India Limited Project (Date extended)**

Applications in hard/soft copy are invited under the sponsored project. The details of the project are as under:

<b>Position</b>	Research Associate (RA), Senior Research Fellow (SRF) and Project Fellow (PF)
<b>Number of Position (s)</b>	RA – 1 No., <b>SRF – 2 Nos.</b> and PF – 1 No.
<b>Title of The Project</b>	Development of Virtual Reality Mine Simulator (VRMS) for improving Safety and Productivity in Indian Coal Mines
<b>Principal Investigator</b>	Prof. V. M. S. R. Murthy (vmsrmurthy@iitism.ac.in)
<b>Tenure of Project</b>	1 Year 6 Months
<b>Job Description (in maximum of 100 words)</b>	Mine visits, data collection on various mining methods, operations and equipment, simulation and modeling, image processing, virtual reality model development of one surface and one underground mine, analysis, report preparation, presentation and overall coordination of the project. SRF and PF will assist RA in the mentioned jobs for meeting the objectives of the project.
<b>PhD Enrolment</b>	The selected candidate may be allowed to enroll for Ph.D. programme as per institute rules.
<b>Essential Qualification</b>	<b>Research Associate (RA):</b> Ph.D. in Mining Engineering OR 3 years of research/teaching experience after B.E./B.Tech. and M.E/M.Tech both in Mining Engineering with first class. <b>Senior Research Fellow (SRF):</b> BE/B.Tech and ME/M.Tech. in Computer Science & Engineering / Computer Engineering / Information Technology with first class with 2 years of post - ME/M.Tech, research/teaching experience. <b>Project Fellow (PF):</b> BE/B.Tech in Mining Engineering with first class.
<b>Desirable Qualification</b>	Work experience in Image Processing/Virtual Reality for SRF
<b>Age and Relaxation (if any)</b>	The upper age limit is 28 years for PF, 32 years for SRF, 35 years for RA on the last date of filing the application (Age relaxation for SC/ST/PH/OBC as per GOI rules).
<b>Fellowship</b>	<b>Research Associate (RA):</b> Rs. 40,000/- pm for 1 <sup>st</sup> Year, Rs. 50,000/- pm for 2 <sup>nd</sup> Year. <b>Senior Research Fellow (SRF):</b> Rs. 28,000/- pm for 1 <sup>st</sup> Year, Rs. 30,000/- pm for 2 <sup>nd</sup> Year. <b>Project Fellow (PF):</b> Rs. 25,000/- pm for 1 <sup>st</sup> Year, Rs. 28,000/- pm for 2 <sup>nd</sup> Year.
<b>Last Date &amp; Time</b>	<b>31<sup>st</sup> August 2018</b>

Shortlisted candidates will be informed on the date of interview. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be short listed based on their merit and as per the requirement of the project. All candidates should make their own arrangements for their stay at Dhanbad, if required. No TA/DA will be paid to attend the interview. Application may be sent through email only giving full Bio-data indicating the project number, name of the project, post (RA/SRF/PF) and enclosing copies of the relevant supporting documents regarding age, qualification, experience etc. by 31st August 2018 to Principal Investigator at [vmsrmurthy@iitism.ac.in](mailto:vmsrmurthy@iitism.ac.in).

*Note: The applications in response to the previous advertisement will also be considered.*